

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 77-8

WASTE DISCHARGE REQUIREMENTS FOR:

WILLAMETTE-WESTERN CORPORATION

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

1. H. C. Thomsen Sand Dredging, Inc. submitted a report of waste discharge dated August 10, 1971. The company was discharging approximately 0.15 million gallons per day (mgd) of wastewater overflow from a barge used for hydraulic sand dredging in Suisun Bay between Stake Point and Middle Ground Island, Solano County. The sand was unloaded with a clam shell bucket and crane at Rodes & Jamieson's dock in Oakland, Alameda County.
2. The Regional Board adopted waste discharge requirements (Order No. 72-15) for the H. C. Thomsen dredging discharge on March 28, 1972. The Board was notified by letter dated October 11, 1976, that the operation has changed ownership to Willamette-Western Corporation, hereinafter called the discharger, and is otherwise unchanged.
3. The Board adopted a Water Quality Control Plan for the San Francisco Bay Basin in April 1975.
4. The beneficial uses of Suisun Bay are:
 - Industrial water supply
 - Swimming, water skiing, wading, pleasure boating, marinas and fishing
 - Fish and wildlife propagation and sustenance, and migratory birds habitat and resting
 - Navigation channels and port facilities
 - Esthetic enjoyment.
5. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
6. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, Willamette-Western Corporation shall comply with the following:

A. Discharge Specifications

1. The disposal of waste shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
2. The discharge from the barge shall not cause:
 - a. Visible, floating, suspended or deposited oil or other products of petroleum origin in waters of the State at any place.
 - b. Waters of the State to exceed the following limits of quality at any place:

pH	7.0 minimum 8.5 maximum
Dissolved Oxygen	5.0 mg/l, minimum Annual median - 80% saturation
Dissolved Sulfide	0.1 mg/l maximum
Other Substances	Any one or more substances in concentrations that impair any of the protected beneficial water uses or make aquatic life or wildlife unfit or unpalatable for consumption.
 - c. Aquatic growths at any place.
3. The discharge from the barge shall not cause at any point more than five hundred (500) feet from the points of discharge and within 3 feet of the surface of waters of the State:
 - a. Floating or suspended macroscopic particulate matter or foam.
 - b. Alteration of apparent color beyond present natural background levels.
 - c. Increased turbidity above background levels by more than the following:

<u>Receiving Waters Background</u>	<u>Incremental Increase</u>
<50 units	5 units, maximum
50-100 units	10 units, maximum
>100 units	10% of background, maximum

B. Discharge Prohibitions

1. The discharge from the barge is prohibited above the water surface.

C. Provisions

1. This Order includes items 1 and 5 of the attached "Reporting Requirements" dated August 8, 1973.
2. This Order includes items numbered 1, 4, 5, 6, 8, and 10 of the attached "Notifications" dated November 20, 1974.
3. This Board's Order No. 72-15 adopted on March 28, 1972 is hereby rescinded.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on February 15, 1977.

FRED H. DIERKER
Executive Officer

Attachments:

Reporting Requirements 8/8/73
Notifications 11/20/74
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

Willamette-Western Corporation

Richmond, Contra Costa County

ORDER NO. 77-8

CONSISTS OF

PART A

AND

PART B

PART B

DESCRIPTION OF SAMPLING STATIONS AND
SCHEDULE OF SAMPLING, ANALYSES, AND OBSERVATIONS

RECEIVING WATERS (Suisun Bay)

<u>Station</u>	<u>Description</u>
C-1	At a point in Suisun Bay, located within 20 feet down current from the point of discharge.
C-2	At a point in Suisun Bay, located in the center of the waste field 100 feet down current from the point of discharge.
C-3	At a point in Suisun Bay, located 500 feet down current from the point of discharge.
CR	At a point in Suisun Bay, located 500 feet up current from the point of discharge and not located in the visible waste field.

Note: A sketch of the limits of each visible waste field shall be part of the map or photograph which indicates station locations for each sampling day.

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Units</u>
C-1 thru C-3, CR	Grab samples, weekly during operation, throughout the year	Dissolved Oxygen Dissolved Sulfide Temperature pH (electrometric) Turbidity Standard Observations	mg/l mg/l °C units JTU

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 77-8.
2. Does not include the following paragraphs of Part A:

C.1., C.3., C.4., C.5.c., C.5.d., C.5.e., D.1., D.2.a., D.2.b., D.3., D.4., E.2., E.3., E.4., F.2., F.3.e., and F.3.g.
3. Has been ordered by the Executive Officer on February 15, 1977 and becomes effective immediately.
4. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer